


Drug


ID	Last dose	Drug model
rifampicin	-	ch.tucuxi.rifampicin.svensson2017

Contacts


Mandator

Patient

	ID	-	-
	Name	John Doe	Alice Aupaysdesmerveilles
	Address	-	-
	Phone	-	-
	Email	-	-

	ID	-	-
	Name	CHUV	EHNV
	Address	-	-
	Phone	-	-
	Email	-	-

Clinical data

None

Covariates

Fat-Free Mass	Value: 70.00 kg (default)
The fat-free mass of the patient	

Treatment

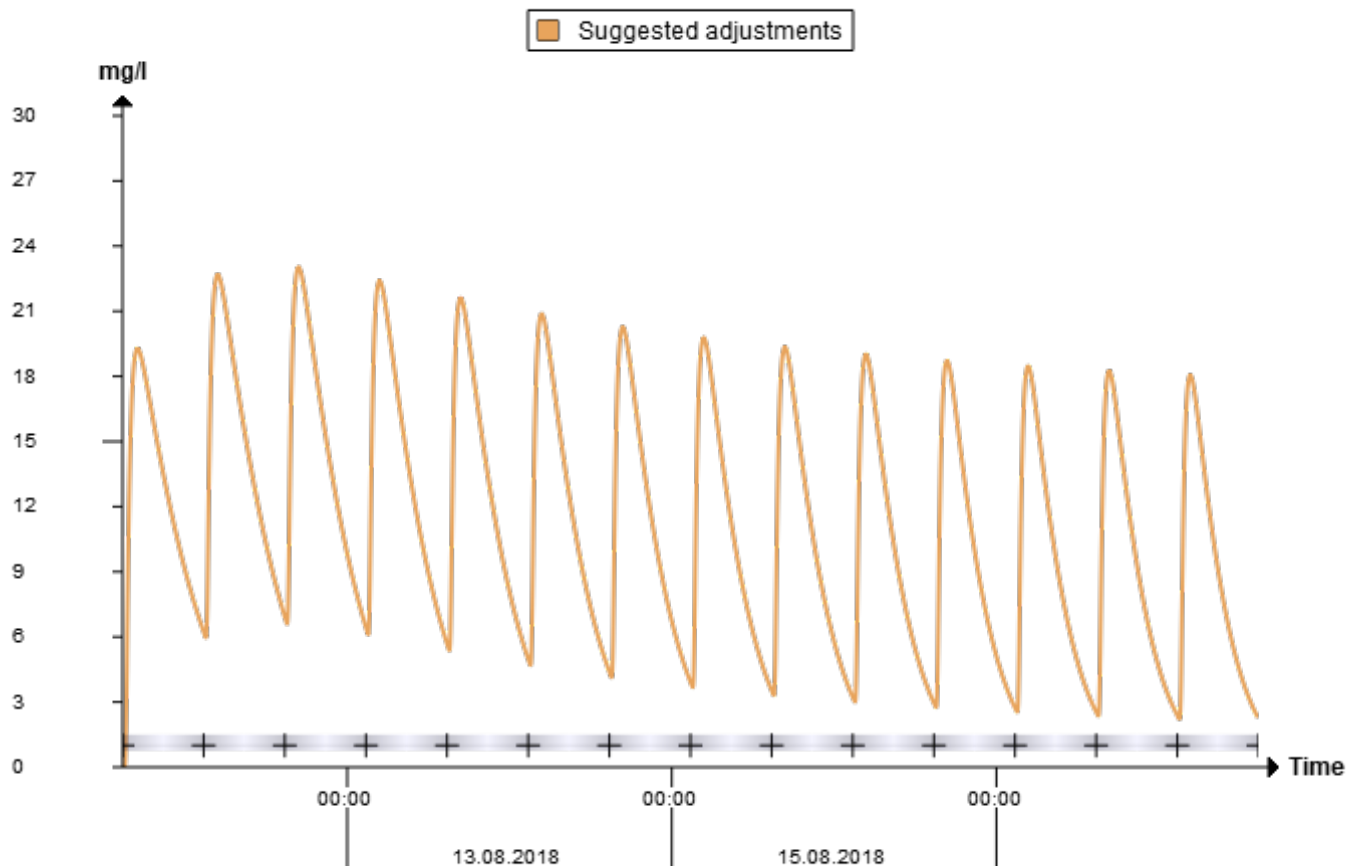
None

Samples

None

Adjustment suggested

Considering the above information, TuberXpert recommends the following adjustment.



Displayed adjustment

Score: 0.97 / 1

From: 11.7.2018 14h45 To: 12.7.2018 2h45

● Posology: 1400.00 mg (oral), interval 12h, 1 time(s)

From: 12.7.2018 2h45 To: 18.7.2018 14h45

● Posology: 1300.00 mg (oral), interval 12h, 14 time(s)

With the best suggestion, the targets are expected to change as follows.

Type	Value (unit)	Score
● Residual	1057.40 (ug/l)	0.97 / 1
Inefficacy: 0 / Min: 750 / Best: 1000 / Max: 1500 / Toxicity: 10000		

Pharmacokinetic parameters

	Typical patient	A priori	A posteriori
● AllmCL	1.00	1.00	-
● DoseMid	450.00	450.00	-
● ECmid	0.06	0.06	-

● EDmid	69.00	69.00	-
● Emax	1.16	1.16	-
● F	1.00	1.00	-
● Fmax	0.51	0.51	-
● Ka	1.80	1.80	-
● Kenz	0.01	0.01	-
● Km	36.50	36.50	-
● MTT	0.52	0.52	-
● NN	24.40	24.40	-
● V	89.80	89.80	-
● Vmax	504.00	504.00	-

Predictions

Extrapolated steady state AUC24	191951.16 µg*h/l
Steady state peak	16290.69 µg/l
Steady state residual	1988.33 µg/l

Covariates used for computation

Covariate	Value
● Fat-Free Mass	70.00